US Appln. No.: US Filing Date:

To Be Assigned Concurrently 21241P

Case No.: Page No.:

.: 3

## **Amendment to the Claims:**

## **Listing of Claims:**

1. (original) A compound represented by formula I:

$$R^{1}$$
 $R^{3}$ 
 $R^{4}$ 
 $R^{5}$ 
 $R^{2}$ 
 $R^{2}$ 
 $R^{2}$ 
 $R^{2}$ 
 $R^{3}$ 
 $R^{4}$ 
 $R^{4}$ 
 $R^{9}$ 
 $R^{9}$ 
 $R^{9}$ 

or a pharmaceutically acceptable salt or solvate thereof, wherein:

R<sup>1</sup> represents H or is independently selected from the group consisting of:

a) OH, halo, CO<sub>2</sub>R<sup>a</sup>, C(O)NR<sup>b</sup>R<sup>c</sup>, NR<sup>b</sup>R<sup>c</sup>, CN or S(O)<sub>p</sub>R<sup>d</sup>;

b)  $C_{1-10}$ alkyl,  $C_{2-10}$ alkenyl,  $C_{2-10}$ alkynyl,  $OC_{1-10}$ alkyl,  $OC_{3-10}$ alkenyl and  $OC_{3-10}$ alkynyl, said groups being optionally substituted with: (1) 1-5 halo groups up to a perhaloalkyl group; (2) 1 oxo group; (3) 1-2 OH groups; (4) 1-2  $C_{1-10}$ alkoxy groups, each optionally substituted with: up to five halo or a perhaloalkoxy, 1 OH or  $CO_2R^a$  group; (5) 1  $CO_2R^a$  or  $S(O)_pR^d$ ; (6)1-2 Aryl, Hetcy or HAR groups, each optionally substituted as follows: (a) 1-5 halo groups, (b) 1 OH,  $CO_2R^a$ , CN,  $S(O)_pR^d$ ,  $NO_2$  or  $C(O)NR^bR^c$  group, (c) 1-2  $C_{1-10}$ alkyl or alkoxy groups, each optionally substituted with: 1-5 halo, up to perhaloalkyl, and 1-2 OH or  $CO_2R^a$  groups; and (d) 1-2 phenyl rings, each of which is optionally substituted as follows: 1-5 halo groups up to perhalo, 1-3  $C_{1-10}$ alkyl or alkoxy groups, each being further optionally substituted with 1-5 halo up to perhalo, or 1-2 hydroxy or  $CO_2R^a$  groups; (e)  $-NR^a$ -C(O)- $NR^bR^c$ ; (f)  $-NR^a$ - $CO_2R^c$ ; (g)  $-NR^a$ - $C(O)R^c$ ; (h)  $-NR^bR^c$ ; (i)  $-NR^aSO_2R^c$ ; (j)  $-SO_2$ - $NR^bR^c$ ; (k)  $-C(O)NR^bR^c$  and (l) -OC(O)- $NR^bR^c$ ;

c) Aryl, HAR, Hetcy, -O-Aryl, -O-HAR and -O-Hetcy, each optionally substituted as set forth below: (1) 1-3  $C_{1-10}$ alkyl,  $C_{2-10}$ alkenyl or  $C_{2-10}$ alkynyl groups optionally substituted with 1-5 halo groups; 1-2 OH groups; phenyl optionally substituted with 1-3 halo,  $C_{1-6}$  alkyl or  $C_{1-6}$  alkoxy groups, the alkyl and alkoxy groups being further optionally substituted with 1-3 halo groups;  $CO_2R^a$ ; CN or  $S(O)_pR^d$  groups; and (2) 1-3  $C_{1-10}$ alkoxy groups, the alkyl portion of which is optionally substituted with 1-5 halo groups, 1-2 OH; phenyl optionally substituted with 1-3 halo,  $C_{1-6}$  alkyl or  $C_{1-6}$  alkoxy groups, the alkyl and alkoxy groups being further optionally substituted with 1-3 halo groups;  $CO_2R^a$ ; CN or  $S(O)_pR^d$  groups;

said Aryl, HAR, Hetcy -O-Aryl, -O-HAR and -O-Hetcy group c) being further optionally substituted on carbon by a group selected from the group consisting of: (3) 1-5 halo groups; (4) 1-2 OH

groups; (5) 1 S(O)<sub>p</sub>R<sup>d</sup>, NO<sub>2</sub> or CN group; (6) 1-2 CO<sub>2</sub>R<sup>a</sup>; (7) -NR<sup>a</sup>-C(O)-NR<sup>b</sup>R<sup>c</sup>; (8) -NR<sup>a</sup>-CO<sub>2</sub>R<sup>c</sup>; (9) -NR<sup>a</sup>-C(O)R<sup>c</sup>; (10) -NR<sup>b</sup>R<sup>c</sup>; (11) -NR<sup>a</sup>SO<sub>2</sub>R<sup>c</sup>; (12) -SO<sub>2</sub>-NR<sup>b</sup>R<sup>c</sup>; and (13) -C(O)NR<sup>b</sup>R<sup>c</sup>; and when R<sup>1</sup> represents Hetcy containing a nitrogen atom, said nitrogen atom can be optionally substituted with a member selected from the group consisting of: (a) -C(O)NR<sup>b</sup>R<sup>c</sup>; (b) -CO<sub>2</sub>R<sup>c</sup>; (c) -C(O)R<sup>c</sup>; and (d) -SO<sub>2</sub>R<sup>c</sup>;

each R<sup>2</sup> represents H or is independently selected from the group consisting of:

- a) OH, halo, CO<sub>2</sub>R<sup>a</sup>, C(O)NR<sup>b</sup>R<sup>c</sup>, NR<sup>b</sup>R<sup>c</sup>, CN or S(O)<sub>p</sub>R<sup>d</sup>;
- b)  $C_{1-10}$ alkyl,  $C_{2-10}$ alkenyl,  $C_{2-10}$ alkynyl,  $OC_{1-10}$ alkyl,  $OC_{3-10}$ alkenyl and  $OC_{3-10}$ alkynyl, said groups being optionally substituted with: (1) 1-5 halo groups up to a perhaloalkyl group; (2) 1 oxo group; (3) 1 OH group; (4) 1  $C_{1-10}$ alkoxy group, each optionally substituted with: up to five halo or a perhaloalkoxy, 1 OH or  $CO_2R^a$  group; (5) 1  $CO_2R^a$  or  $S(O)_pR^d$ ; (6) 1 Aryl, Hetcy or HAR group, each optionally substituted as follows: (a) 1-5 halo groups, (b) 1 OH,  $CO_2R^a$ , CN,  $S(O)_pR^d$ ,  $NO_2$  or  $C(O)NR^bR^c$  group, (c) 1-2  $C_{1-10}$ alkyl or alkoxy groups, each optionally substituted with: 1-5 halo, up to perhaloalkyl, and 1-2 OH or  $CO_2R^a$  groups; and (d) 1-2 phenyl rings, each of which is optionally substituted as follows: 1-5 halo groups up to perhalo; 1-3  $C_{1-10}$ alkyl or alkoxy groups, each being further optionally substituted with 1-5 halo up to perhalo; and 1-2 hydroxy or  $CO_2R^a$  groups;
- c) Aryl, HAR, Hetcy, -O-Aryl, -O-HAR and -O-Hetcy, each optionally substituted as set forth below: (1) 1-3  $C_{1-10}$ alkyl,  $C_{2-10}$ alkenyl or  $C_{2-10}$ alkynyl groups optionally substituted with 1-5 halo groups, 1-2 OH, phenyl,  $CO_2R^a$ , CN or  $S(O)_pR^d$  groups; (2) 1-3  $C_{1-10}$ alkoxy groups, the alkyl portion of which is optionally substituted with 1-5 halo groups, 1-2 OH, phenyl,  $CO_2R^a$ , CN or  $S(O)_pR^d$  groups;

said Aryl, HAR or Hetcy group c) being further optionally substituted on carbon by a group selected from the group consisting of; (3) 1-5 halo groups up to perhalo; (4) 1 OH group; (5) 1  $S(O)_pR^d$ ,  $NO_2$  or CN group; (6) 1  $CO_2R^a$ ;

R<sup>3</sup> represents H or is selected from the group consisting of: a) C<sub>1-10</sub>alkyl or C<sub>2-10</sub>alkenyl, each optionally substituted with 1-5 halo groups up to perhalo; 1-2 OH, C<sub>1-3</sub>alkoxy or haloC<sub>1-3</sub>alkoxy groups; 1-2 NR<sup>c</sup>R<sup>d</sup> groups; and 1-2 Aryl, HAR or Hetcy groups, each optionally substituted with 1-3 halo groups and 1-2 groups selected from CN, NO<sub>2</sub>, C<sub>1-3</sub>alkyl, haloC<sub>1-3</sub>alkyl, C<sub>1-3</sub>alkoxy and haloC<sub>1-3</sub> alkoxy groups; and b) Aryl, HAR or Hetcy, each optionally substituted with 1-3 halo groups and 1-2 groups selected from CN, NO<sub>2</sub>, C<sub>1-3</sub>alkyl, haloC<sub>1-3</sub>alkoxy and haloC<sub>1-3</sub> alkoxy groups;

R<sup>4</sup> is independently selected from the group consisting of:

a)  $C_{1-14}$ alkyl,  $C_{2-10}$ alkenyl and  $C_{2-10}$ alkynyl, said groups being optionally substituted with: (1) 1-5 halo groups up to perhaloalkyl; (2) 1 oxo group; (3) 1-2 OH groups; (4) 1-2  $C_{1-10}$ alkoxy groups, each optionally substituted with up to five halo or a perhaloalkoxy, 1 OH or  $CO_2R^a$  group; (5) 1  $CO_2R^a$  or  $S(O)_pR^d$ ; (6) 1-2 Aryl, Hetcy or HAR groups, each optionally substituted as follows: (i) 1-5 halo groups, (ii) 1 OH,  $CO_2R^a$ , CN,  $S(O)_pR^d$ ,  $NO_2$  or  $C(O)NR^bR^c$  group, (iii) 1-2  $C_{1-10}$ alkyl or alkoxy

Page No.:

groups, each optionally substituted with: 1-5 halo, up to perhaloalkyl, and 1-2 OH or CO<sub>2</sub>R<sup>a</sup> groups; and (iv) 1-2 phenyl rings, each of which is optionally substituted as follows: 1-5 halo groups up to perhalo; 1-3  $C_{1-10}$ alkyl or alkoxy groups, each being further optionally substituted with 1-5 halo up to perhalo, or 1-2 hydroxy or CO<sub>2</sub>R<sup>a</sup> groups;

b) Aryl, HAR or Hetcy, each optionally substituted as follows: (1) 1-3 C<sub>1-14</sub>alkyl, C<sub>2-</sub> <sub>10</sub>alkenyl or C<sub>2-10</sub>alkynyl groups optionally substituted with 1-5 halo groups, 1-2 OH, CO<sub>2</sub>R<sup>a</sup>, CN or  $S(O)_p R^d$  groups or phenyl optionally substituted as follows: 1-5 halo groups up to perhalo; 1-3  $C_{1-10}$  alkyl or alkoxy groups, each being further optionally substituted with 1-5 halo up to perhalo, or 1-2 hydroxy or CO<sub>2</sub>R<sup>a</sup> groups; (2) 1-3 C<sub>1-10</sub>alkoxy groups, the alkyl portion of which is optionally substituted with 1-5 halo groups, 1-2 OH, CO<sub>2</sub>R<sup>a</sup>, CN, S(O)<sub>p</sub>R<sup>d</sup>, and phenyl optionally substituted as follows: 1-5 halo groups up to perhalo; 1-3 C<sub>1-10</sub>alkyl or alkoxy groups, each being further optionally substituted with 1-5 halo up to perhalo, or 1-2 hydroxy or CO<sub>2</sub>R<sup>a</sup> groups; (3) 1-2 Aryl, HAR or Hetcy, OAryl, OHAR or OHetcy groups, each optionally substituted as follows: (i) 1-3 halo groups; (ii) 1-2 C<sub>1-10</sub>alkyl, C<sub>2-10</sub>alkenyl or C<sub>2-10</sub>alkynyl groups each optionally substituted with 1-5 halo groups, 1-2 OH, phenyl, CO<sub>2</sub>R<sup>a</sup>, CN or S(O)<sub>D</sub>R<sup>d</sup> groups; (iii) 1-2 C<sub>1-10</sub>alkoxy groups the alkyl portion of which being optionally substituted with 1-5 halo groups, 1-2 OH, phenyl, CO<sub>2</sub>R<sup>a</sup>, CN or S(O)<sub>p</sub>R<sup>d</sup> groups; and (iv) 1-2 CO<sub>2</sub>R<sup>a</sup>, S(O)<sub>p</sub>R<sup>d</sup>, CN, NR<sup>b</sup>R<sup>c</sup>, NO<sub>2</sub> or OH groups;

said Aryl, HAR or Hetcy group b) being further optionally substituted on carbon by a group selected from the group consisting of: (4) 1-5 halo groups; (5) 1-2 OH groups; (6) 1 S(O)<sub>p</sub>R<sup>d</sup>, NO<sub>2</sub> or CN group; (7) 1-2  $CO_2R^a$ ; (8)  $-NR^a-C(O)-NR^bR^c$ ; (9)  $-NR^a-CO_2R^c$ ; (10)  $-NR^a-C(O)R^c$ ; (11) - $NR^bR^c$ ; (12)  $-NR^aSO_2R^c$ ; (13)  $-SO_2-NR^bR^c$ ; (14)  $-C(O) NR^bR^c$  and  $-OC(O)-NR^bR^c$ ;

and when R<sup>4</sup> represents Hetcy containing a nitrogen atom, said nitrogen atom can be optionally substituted with a member selected from the group consisting of: (a) -C(O) NR<sup>b</sup>R<sup>c</sup>; (b) - $CO_2R^c$ ; (c) - C(O)R<sup>c</sup>; and (d) -SO<sub>2</sub>R<sup>c</sup>;

 $R^5$  represents H or  $C_{1-6}$  alkyl;

R<sup>6</sup> is selected from the group consisting of H, OH, F or C<sub>1.3</sub>alkyl;

R<sup>7</sup> is H or F, or R<sup>6</sup> and R<sup>7</sup> are taken in combination and represent oxo;

 $R^8$  represents H or  $C_{1-6}$  alkyl, optionally substituted with OH and 1-5 halo groups up to perhalo; R<sup>9</sup> represents H, halo, OH, C 1-6alkyl, optionally substituted with 1-5 halo groups up to perhalo, or C1-6 alkoxy, optionally substituted with 1-3 halo groups up to perhalo,

or when  $R^9$  is ortho to the benzylic group,  $R^8$  and  $R^9$  can be taken together and represent a -(CH<sub>2</sub>)<sub>2-4</sub>- or a  $-O-(CH_2)_{1-3}$ - group;

R<sup>a</sup> is H or C<sub>1-10</sub>alkyl, optionally substituted with phenyl, OH, OC<sub>1-6</sub>alkyl, CO<sub>2</sub>H, CO<sub>2</sub>C<sub>1</sub>. 6alkyl and 1-3 halo groups;

Page No.:

R<sup>b</sup> is H or C<sub>1-10</sub>alkyl;

R<sup>c</sup> is H or is independently selected from: (a) C<sub>1-10</sub>alkyl, optionally substituted with OH, OC<sub>1-6</sub>alkyl, CO<sub>2</sub>H, CO<sub>2</sub>C<sub>1-6</sub>alkyl, and 1-3 halo groups; (b) Aryl or Ar-C<sub>1-6</sub>alkyl, each optionally substituted with 1-5 halos and 1-3 members selected from the group consisting of: CN, OH, C<sub>1-10</sub>alkyl and OC<sub>1-10</sub> alkyl, said alkyl and alkoxy being further optionally substituted with 1-5 halo groups up to perhalo; (c) Hetcy or Hetcy-C<sub>1-6</sub>alkyl, optionally substituted with 1-5 halo groups and 1-3 groups selected from: oxo, C<sub>1-10</sub>alkyl and OC<sub>1-10</sub> alkyl, said alkyl and alkoxy being further optionally substituted with 1-5 halo groups and 1-3 groups selected from: C<sub>1-10</sub>alkyl and OC<sub>1-10</sub> alkyl, optionally substituted with 1-5 halo groups up to perhalo; and (d) HAR or HAR-C<sub>1-6</sub>alkyl, said alkyl and alkoxy being further optionally substituted with 1-5 halo groups up to perhalo;

R<sup>d</sup> is C<sub>1-10</sub>alkyl, Aryl or Ar-C<sub>1-10</sub>alkyl; m is an integer selected from 0, 1 and 2; n is an integer selected from 0 to 6; p is an integer selected from 0, 1 and 2, and

when at least one of m and n is other than 0, Z is selected from  $CO_2R^a$ , 5-tetrazolyl and 5-(2-oxo-1,3,4-oxadiazolyl), and when both m and n are 0, Z is selected from 5-tetrazolyl and 5-(2-oxo-1,3,4-oxadiazolyl).

- 2. (original) A compound in accordance with claim 1 wherein R<sup>1</sup> represents H.
- 3. (original) A compound in accordance with claim 1 wherein one  $R^2$  represents H, halo or  $C_{1-6}$ alkyl, and the other is selected from the group consisting of: H, halo, OH,  $C_{1-6}$ alkyl optionally substituted with 1-3 halo groups,  $C_{1-6}$ alkoxy optionally substituted with 1-3 halo groups or 1 phenyl or heterocyclic ring,  $C_{2-4}$ alkenyl or  $OC_{2-4}$ alkenyl.
- 4. (original) A compound in accordance with claim 1 wherein R3 is selected from the group consisting of: H, C2-4alkenyl and C1-6alkyl optionally substituted as follows: a) up to 3 halo groups; b) NRcRd wherein Rc and Rd are H or C1-4 alkyl; c) OH; and d) Aryl optionally substituted with 1-3 halo groups, C1-3 alkyl, OC1-3alkyl, CN, NO2, haloC1-3alkyl or O-haloC1-3alkyl.
- 5. (original) A compound in accordance with claim 1 wherein R<sup>4</sup> is independently selected from the group consisting of:
- (a)  $C_{1-14}$ alkyl, optionally substituted with: (1) 1-5 halo groups up to perhaloalkyl; (2) 1-2  $C_{1-10}$ alkoxy groups, each optionally substituted with 1-5 halo groups up to perhaloalkoxy; (3) 1-2

US Appln. No.: US Filing Date:

To Be Assigned Concurrently

Case No.: Page No.:

21241P

Aryl groups, each optionally substituted as follows: (i) 1-5 halo groups, (ii) CN or NO<sub>2</sub>, (iii) 1-2 C<sub>1-10</sub> alkyl or alkoxy groups, each optionally substituted with: 1-5 halo, up to perhaloalkyl; and

(b) Aryl, HAR or Hetcy, each optionally substituted as follows: (1) 1-2  $C_{1-10}$ alkyl or  $C_{2-10}$ alkenyl groups, optionally substituted with 1-5 halo groups, phenyl or  $CO_2R^a$  groups; (2) 1-2  $C_{1-10}$ alkoxy groups, the alkyl portion of which is optionally substituted with 1-5 halo groups; (3) 1-2 Aryl, HAR or Hetcy, OAryl, OHAR or OHetcy groups, each optionally substituted as follows: (i) 1-3 halo groups; (ii) 1-2  $C_{1-10}$ alkyl or  $C_{2-10}$ alkenyl, each optionally substituted with 1-3 halo groups; (iii) 1-2  $C_{1-10}$ alkoxy groups the alkyl portion of which being optionally substituted with 1-3 halo groups, and (iv) 1-2  $CO_2R^a$ ,  $S(O)_pR^d$ , CN,  $NR^bR^c$ ,  $NO_2$  or OH groups;

said Aryl, HAR or Hetcy group b) being further optionally substituted on carbon by a group selected from the group consisting of: (4) 1-5 halo groups; (5) 1-2 OH groups; (6) 1 S(O)<sub>p</sub>R<sup>d</sup>, NO<sub>2</sub> or CN group; (7) 1-2 CO<sub>2</sub>R<sup>a</sup>; (8) -NR<sup>a</sup>-C(O)-NR<sup>b</sup>R<sup>c</sup>; (9) -NR<sup>a</sup>-CO<sub>2</sub>R<sup>c</sup>; (10) -NR<sup>a</sup>-C(O)R<sup>c</sup>; (11) -NR<sup>b</sup>R<sup>c</sup>; (12) -NR<sup>a</sup>SO<sub>2</sub>R<sup>c</sup>; (13) -SO<sub>2</sub>-NR<sup>b</sup>R<sup>c</sup>; (14) -C(O) NR<sup>b</sup>R<sup>c</sup> and (15) -OC(O)-NR<sup>b</sup>R<sup>c</sup>;

and when  $R^4$  represents Hetcy containing a nitrogen atom, said nitrogen atom can be optionally substituted with a member selected from the group consisting of: (a) -C(O)  $NR^bR^c$ ; (b) -CO<sub>2</sub> $R^c$ ; (c) -C(O) $R^c$ ; and (d) -SO<sub>2</sub> $R^c$ .

6. (original) A compound represented by formula I:

$$R^{1}$$
 $R^{3}$ 
 $R^{4}$ 
 $R^{5}$ 
 $R^{2}$ 
 $R^{2}$ 
 $R^{2}$ 
 $R^{2}$ 
 $R^{2}$ 
 $R^{3}$ 
 $R^{4}$ 
 $R^{4}$ 
 $R^{9}$ 
 $R^{9}$ 
 $R^{9}$ 
 $R^{2}$ 

or a pharmaceutically acceptable salt or solvate thereof, wherein:

R<sup>1</sup> represents H;

one R<sup>2</sup> represents H, halo or C<sub>1-6</sub>alkyl, and the other is selected from the group consisting of: H, halo, OH, C<sub>1-6</sub>alkyl optionally substituted with 1-3 halo groups, C<sub>1-6</sub>alkoxy optionally substituted with 1-3 halo groups or 1 phenyl or heterocyclic ring, C<sub>2-4</sub>alkenyl or OC<sub>2-4</sub>alkenyl;

 $R^3$  is selected from the group consisting of: H,  $C_{2-4}$ alkenyl and  $C_{1-6}$ alkyl optionally substituted as follows: a) up to 3 halo groups; b)  $NR^cR^d$  wherein  $R^c$  and  $R^d$  are H or  $C_{1-4}$  alkyl; c) OH; and d) Aryl optionally substituted with 1-3 halo groups,  $C_{1-3}$  alkyl,  $OC_{1-3}$ alkyl, CN,  $NO_2$ , halo  $C_{1-3}$ alkyl; O-halo  $C_{1-3}$ alkyl;

R<sup>4</sup> is independently selected from the group consisting of:

(a)  $C_{1-14}$ alkyl, optionally substituted with: (1) 1-5 halo groups up to perhaloalkyl; (2) 1-2  $C_{1-10}$ alkoxy groups, each optionally substituted with 1-5 halo groups up to perhaloalkoxy; (3) 1-2

Page No.:

Aryl groups, each optionally substituted as follows: (i) 1-5 halo groups, (ii) CN or NO<sub>2</sub>, (iii) 1-2 C<sub>1-10</sub> alkyl or alkoxy groups, each optionally substituted with: 1-5 halo, up to perhaloalkyl; and

(b) Aryl, HAR or Hetcy, each optionally substituted as follows: (1) 1-2  $C_{1-10}$ alkyl or  $C_{2-10}$ alkenyl, optionally substituted with 1-5 halo groups, phenyl or  $CO_2R^a$  groups; (2) 1-2  $C_{1-10}$ alkoxy groups, the alkyl portion of which is optionally substituted with 1-5 halo groups; (3) 1-2 Aryl, HAR or Hetcy, OAryl, OHAR or OHetcy groups, each optionally substituted as follows: (i) 1-3 halo groups; (ii) 1-2  $C_{1-10}$ alkyl or  $C_{2-10}$ alkenyl, each optionally substituted with 1-3 halo groups; (iii) 1-2  $C_{1-10}$ alkoxy groups the alkyl portion of which being optionally substituted with 1-3 halo groups, and (iv) 1-2  $CO_2R^a$ ,  $S(O)_pR^d$ , CN,  $NR^bR^c$ ,  $NO_2$  or OH groups;

said Aryl, HAR or Hetcy group b) being further optionally substituted on carbon by a group selected from the group consisting of: (4) 1-5 halo groups; (5) 1-2 OH groups; (6) 1 S(O)<sub>p</sub>R<sup>d</sup>, NO<sub>2</sub> or CN group; (7) 1-2 CO<sub>2</sub>R<sup>a</sup>; (8) -NR<sup>a</sup>-C(O)-NR<sup>b</sup>R<sup>c</sup>; (9) -NR<sup>a</sup>-CO<sub>2</sub>R<sup>c</sup>; (10) -NR<sup>a</sup>-C(O)R<sup>c</sup>; (11) -NR<sup>b</sup>R<sup>c</sup>; (12) -NR<sup>a</sup>SO<sub>2</sub>R<sup>c</sup>; (13) -SO<sub>2</sub>-NR<sup>b</sup>R<sup>c</sup>; (14) -C(O) NR<sup>b</sup>R<sup>c</sup> and (15) -OC(O)-NR<sup>b</sup>R<sup>c</sup>;

and when R<sup>4</sup> represents Hetcy containing a nitrogen atom, said nitrogen atom can be optionally substituted with a member selected from the group consisting of: -C(O) NR<sup>b</sup>R<sup>c</sup>; (b) -CO<sub>2</sub>R<sup>c</sup>; (c) -C(O)R<sup>c</sup>; and (d) -SO<sub>2</sub>R<sup>c</sup>;

 $R^8$  represents H or  $C_{1-6}$  alkyl;

R<sup>9</sup> represents H or halo;

R<sup>5</sup> represents H or C<sub>1-6</sub> alkyl;

R<sup>6</sup> is selected from the group consisting of H, OH, F or C<sub>1-3</sub>alkyl;

R<sup>7</sup> is H or F, or R<sup>6</sup> and R<sup>7</sup> are taken in combination and represent oxo;

 $R^a$  is H or  $C_{1-10}$ alkyl, optionally substituted with phenyl, OH, OC<sub>1-6</sub>alkyl, CO<sub>2</sub>H, CO<sub>2</sub>C<sub>1-6</sub>alkyl and 1-3 halo groups;

 $R^b$  is H or  $C_{1-10}$ alkyl;

 $R^c$  is H or is independently selected from: (a)  $C_{1-10}$ alkyl, optionally substituted with OH,  $OC_{1-6}$ alkyl,  $CO_2H$ ,  $CO_2C_{1-6}$ alkyl, and 1-3 halo groups; (b) Aryl or Ar- $C_{1-6}$ alkyl, each optionally substituted with 1-5 halos and 1-3 members selected from the group consisting of: CN, OH,  $C_{1-10}$ alkyl and  $OC_{1-10}$  alkyl, said alkyl and alkoxy being further optionally substituted with 1-5 halo groups up to perhalo; (c) Hetcy or Hetcy- $C_{1-6}$ alkyl, optionally substituted with 1-5 halo groups and 1-3 groups selected from: oxo,  $C_{1-10}$ alkyl and  $OC_{1-10}$  alkyl, said alkyl and alkoxy being further optionally substituted with 1-5 halo groups up to perhalo; and (d) HAR or HAR- $C_{1-6}$ alkyl, optionally substituted with 1-5 halo groups selected from:  $C_{1-10}$ alkyl and  $OC_{1-10}$  alkyl, said alkyl and alkoxy being further optionally substituted with 1-5 halo groups up to perhalo;

R<sup>d</sup> is C<sub>1-10</sub>alkyl, Aryl or Ar-C<sub>1-10</sub>alkyl; m is an integer selected from 0, 1 and 2;

Int. Appln. No.:PCT/US2004/013874 US Appln. No.: To Be Assigned

US Filing Date:

Concurrently 21241P

Case No.: Page No.:

9

n is an integer selected from 0 to 6;

p is an integer selected from 0, 1 and 2, and

when at least one of m and n is other than 0, Z is selected from  $CO_2R^a$ , 5-tetrazolyl and 5-(2-oxo-1,3,4-oxadiazolyl), and when both m and n are 0, Z is selected from 5-tetrazolyl and 5-(2-oxo-1,3,4-oxadiazolyl).

## 7. (original) A compound represented by formula I:

or a pharmaceutically acceptable salt or solvate thereof, wherein:

R<sup>1</sup> represents H;

one  $R^2$  represents H, halo or  $C_{1-6}$ alkyl, and the other is selected from the group consisting of: H, halo, OH,  $C_{1-6}$ alkyl optionally substituted with 1-3 halo groups,  $C_{1-6}$ alkoxy optionally substituted with 1-3 halo groups or 1 phenyl or heterocyclic ring,  $C_{2-4}$ alkenyl or  $OC_{2-4}$ alkenyl;

R<sup>3</sup> is selected from the group consisting of: H, C<sub>2-4</sub>alkenyl and C<sub>1-6</sub>alkyl optionally substituted as follows: a) up to 3 halo groups; b) NR<sup>c</sup>R<sup>d</sup> wherein R<sup>c</sup> and R<sup>d</sup> are H or C<sub>1-4</sub> alkyl; c) OH; and d) Aryl optionally substituted with 1-3 halo groups, C<sub>1-3</sub> alkyl, OC<sub>1-3</sub>alkyl, CN, NO<sub>2</sub>, haloC<sub>1-3</sub>alkyl or O-haloC<sub>1-3</sub>alkyl;

R<sup>4</sup> is independently selected from the group consisting of:

- a)  $C_{1-14}$ alkyl, optionally substituted with: (1) 1-5 halo groups up to perhaloalkyl; (2) 1-2  $C_{1-10}$ alkoxy groups, each optionally substituted with 1-5 halo groups up to perhaloalkoxy; (3) 1-2 Aryl groups, each optionally substituted as follows: (i) 1-5 halo groups, (ii) CN or NO<sub>2</sub>, and (iii) 1-2  $C_{1}$ .

  10alkyl or alkoxy groups, each optionally substituted with: 1-5 halo, up to perhaloalkyl; and
- b) Aryl, HAR or Hetcy, each optionally substituted as follows: (1) 1-2  $C_{1-10}$ alkyl or  $C_{2-10}$ alkenyl, optionally substituted with 1-5 halo groups, phenyl or  $CO_2R^a$  groups; (2) 1-2  $C_{1-10}$ alkoxy groups, the alkyl portion of which is optionally substituted with 1-5 halo groups; (3) 1-2 Aryl, HAR or Hetcy, OAryl, OHAR or OHetcy groups, each optionally substituted as follows: (a) 1-3 halo groups; (b) 1-2  $C_{1-10}$ alkyl or  $C_{2-10}$ alkenyl, each optionally substituted with 1-3 halo groups;
- (c) 1-2 C<sub>1-10</sub>alkoxy groups the alkyl portion of which being optionally substituted with 1-3 halo groups, and
  - (d)  $1-2 CO_2R^a$ ,  $S(O)_pR^d$ , CN,  $NR^bR^c$ ,  $NO_2$  or OH groups;

US Appln. No.: US Filing Date:

To Be Assigned Concurrently

Case No.: Page No.:

21241P 10

said Aryl, HAR or Hetcy group b) being further optionally substituted on carbon by a group selected from the group consisting of: (4) 1-5 halo groups; (5) 1-2 OH groups; (6) 1 S(O)<sub>p</sub>R<sup>d</sup>, NO<sub>2</sub> or CN group; (7) 1-2 CO<sub>2</sub>R<sup>a</sup>; (8) -NR<sup>a</sup>-C(O)-NR<sup>b</sup>R<sup>c</sup>; (9) -NR<sup>a</sup>-CO<sub>2</sub>R<sup>c</sup>; (10) -NR<sup>a</sup>-C(O)R<sup>c</sup>; (11) -NR<sup>b</sup>R<sup>c</sup>; (12) -NR<sup>a</sup>SO<sub>2</sub>R<sup>c</sup>; (13) -SO<sub>2</sub>-NR<sup>b</sup>R<sup>c</sup>; (14) -C(O) NR<sup>b</sup>R<sup>c</sup> and (15) -OC(O)-NR<sup>b</sup>R<sup>c</sup>;

and when  $R^4$  represents Hetcy containing a nitrogen atom, said nitrogen atom can be optionally substituted with a member selected from the group consisting of: (a) -C(O)  $NR^bR^c$ ; (b) -CO<sub>2</sub> $R^c$ ; (c) -C(O) $R^c$ ; and (d) -SO<sub>2</sub> $R^c$ ;

 $R^8$  and  $R^9$  are taken in combination and represent -(CH<sub>2</sub>)<sub>2-4</sub>-;

R<sup>5</sup> represents H or C<sub>1-6</sub> alkyl;

R<sup>6</sup> is selected from the group consisting of H, OH, F or C<sub>1-3</sub>alkyl;

R<sup>7</sup> is H or F, or R<sup>6</sup> and R<sup>7</sup> are taken in combination and represent oxo;

 $R^a$  is H or  $C_{1-10}$ alkyl, optionally substituted with phenyl, OH, OC<sub>1-6</sub>alkyl, CO<sub>2</sub>H, CO<sub>2</sub>C<sub>1-6</sub>alkyl and 1-3 halo groups;

 $R^b$  is H or  $C_{1-10}$ alkyl;

R<sup>c</sup> is H or is independently selected from: (a) C<sub>1-10</sub>alkyl, optionally substituted with OH, OC<sub>1-6</sub>alkyl, CO<sub>2</sub>H, CO<sub>2</sub>C<sub>1-6</sub>alkyl, and 1-3 halo groups; (b) Aryl or Ar-C<sub>1-6</sub>alkyl, each optionally substituted with 1-5 halos and 1-3 members selected from the group consisting of: CN, OH, C<sub>1-10</sub>alkyl and OC<sub>1-10</sub> alkyl, said alkyl and alkoxy being further optionally substituted with 1-5 halo groups up to perhalo; (c) Hetcy or Hetcy-C<sub>1-6</sub>alkyl, optionally substituted with 1-5 halo groups and 1-3 groups selected from: oxo, C<sub>1-10</sub>alkyl and OC<sub>1-10</sub> alkyl, said alkyl and alkoxy being further optionally substituted with 1-5 halo groups up to perhalo; and (d) HAR or HAR-C<sub>1-6</sub>alkyl, optionally substituted with 1-5 halo groups and 1-3 groups selected from: C<sub>1-10</sub>alkyl and OC<sub>1-10</sub> alkyl, said alkyl and alkoxy being further optionally substituted with 1-5 halo groups up to perhalo;

R<sup>d</sup> is C<sub>1-10</sub>alkyl, Aryl or Ar-C<sub>1-10</sub>alkyl;

m is an integer selected from 0, 1 and 2;

n is an integer selected from 0 to 6;

p is an integer selected from 0, 1 and 2, and

when at least one of m and n is other than 0, Z is selected from  $CO_2R^a$ , 5-tetrazolyl and 5-(2-oxo-1,3,4-oxadiazolyl), and when both m and n are 0, Z is selected from 5-tetrazolyl and 5-(2-oxo-1,3,4-oxadiazolyl).

8. (currently amended) A compound in accordance with claim 1 falling within table A below:

US Appln. No.: US Filing Date:

To Be'Assigned Concurrently

Case No.: Page No.: 21241P 11

## TABLE A Key to Compounds

$$(R^2)_{1-2} \xrightarrow{I} N \qquad \qquad N \qquad \qquad N \qquad \qquad X$$

wherein  $R^2$ ,  $R^3$  and  $R^4$  are in accordance with formula I and X is as shown below.

$$X = \frac{\sum_{R^8}^{C(O)N} (CH_2)_n (CR^6R^7)_m Z}{R^9}$$

R4-122 = CI CI CI	X-70 = H $CH(Me) - C(O)NH - N$ $N-N$ $N-N$
R4-238 =	X-85 = $-CH(CH3)-C(O)NH(CH2)2CO2H$
R4-245 =	$X-86 \approx$ -CH(CH <sub>3</sub> )-C(O)NHCH <sub>2</sub> CH(OH)CO <sub>2</sub> H
R4-256 =	$X-226 =$ $CH_2 - C(O)NHCH_2CO_2H$
R4-258 =	$X-227 =$ $-CH_2 - C(O)NH(CH_2)_3CO_2H$
R4-260 = CF <sub>3</sub>	$X-237 = H$ $N-N$ $\parallel N-N$ $N-N$
R4-261 = Br	X-238 = $C(O)NH-CH2CH2CO2H$

<del></del>	V 220 -
R4-262 = t-Bu	X-239 =  C(O)NH-CH <sub>2</sub> CH(OH)CO <sub>2</sub> H
R4-265 =	$X-244 = H$ $N-N$ $\parallel N-N$ $\parallel N-N$ $\parallel N-N$
R4-266 =	R4-267 =
R4-269 = F	R4-273 =
R4-275 =	R4-276 =
R4-277 =	R4-278 = CI $-(CH2)2$
R4-282 =  Br	R4-284 =

TABLE A

$$(R^2)_{1-2} \xrightarrow{I} N \qquad N \qquad X$$

wherein

$$X = \frac{\sum_{R^8}^{C(O)N} (CH_2)_n (CR^6R^7)_m Z}{R^9}$$

		<u> </u>		
Cpd No.	$R^2$	$R^3$	$\mathbb{R}^4$	X
1	5-Me	Н	R4-1	X-1
2	5-Me	Н	R4-2	X-1
3	5-Me	Н	R4-1	X-3
4	5-Me	Н	R4-2	X-3
5	5-OCF <sub>3</sub>	Н	R4-1	X-1
6	5-OCF <sub>3</sub>	Н	R4-2	X-3
7	5-OCF <sub>3</sub>	Н	R4-2	X-1
8	6-Me	Me	R4-2	X-3
9	5-Cl	Н	R4-2	X-3
10	5-C1	Н	R4-1	X-3
11	6-Me	Me	R4-2	X-1
12	5-C1	Н	R4-2	X-1
13	5-C1	Н	R4-1	X-1
14	5-Me	Me	R4-1	X-3
15	5-Me	Me	R4-1	X-1
16	Н	Н	R4-2	X-3
17	Н	Н	R4-2	X-1
18	H	Me	R4-2	X-1
19	H	Me	R4-2	X-19
20	H	Me	R4-2	X-3
21	H	Me	R4-2	X-21
22	6-Me	Me	R4-2	X-21
23	5-Me	H	R4-2	X-21
24	H	Et	R4-2	X-3
25	Н	Et	R4-2	X-1
26	H	Et	R4-2	X-21
27	H	n-Pr	R4-2	X-3
28	Н	n-Pr	R4-2	X-1
29	Н	n-Pr	R4-2	X-29
30	Н	n-Pr	R4-2	X-21
31	5-Me	Н	R4-2	X-29
32	H	cPentyl	R4-2	X-3

33	H	cPentyl	R4-2	X-1
34	H	cPentyl	R4-2	X-21
35	H	Et	R4-2	X-29
36	H	Benzyl	R4-2	X-3
37	H	Benzyl	R4-2	X-29
38	H	Benzyl	R4-2	X-1
39	H	Benzyl	R4-2	X-21
40	H	-CH <sub>2</sub> CH(Me) <sub>2</sub>	R4-2	X-3
41	H	-CH <sub>2</sub> CH(Me) <sub>2</sub>	R4-2	X-29
42	H	-CH <sub>2</sub> CH(Me) <sub>2</sub>	R4-2	X-1
43	H	-CH <sub>2</sub> CH(Me) <sub>2</sub>	R4-2	X-21
44	H	H	R4-2	X-29
45	H	H	R4-2	X-21
46	<u>H</u>	Me	R4-2	X-29
47	H	CH₂CH₂F	R4-2	X-3
48	H	CH <sub>2</sub> CH <sub>2</sub> F	R4-2	X-1
49	H	CH <sub>2</sub> CH <sub>2</sub> F	R4-2	X-21
50	H	CH <sub>2</sub> CH <sub>2</sub> F	R4-2	X-29
51	H	CH <sub>2</sub> CH=CH <sub>2</sub>	R4-2	X-3
52	H	CH <sub>2</sub> CH=CH <sub>2</sub>	R4-2	X-1
53	H	CH <sub>2</sub> CH=CH <sub>2</sub>	R4-2	X-21
54	H	H	R4-54	X-3
55	H	H	R4-54	X-1
56	H	H	R4-54	X-21
57	H	Me	R4-54	X-3
58	H	Me	R4-54	X-1
59	H	Me	R4-54	X-21
60	5,6-di-Cl	H	R4-2	X-3
61	5,6-di-Cl	Н	R4-2	X-29
62	5,6-di-Cl	Н	R4-2	X-1
63	5,6-di-Cl	Н	R4-2	X-21
64	5,6-di-Cl	Et	R4-2	X-3
65	5,6-di-Me	Н	R4-2	X-3
66	5,6-di-Me	H	R4-2	X-29
67	5,6-di-Me	H	R4-2	X-1
68	5,6-di-Me	H	R4-2	X-21
69	H	Me	R4-2	X-70
70	H	CH <sub>2</sub> CH <sub>2</sub> OH	R4-2	X-3
71	H	CH <sub>2</sub> CH <sub>2</sub> OH	R4-2	X-1
72	H	CH <sub>2</sub> CH <sub>2</sub> OH	R4-2	X-21
73	5,6-di-Me	Me	R4-2	X-3
74	5,6-di-Me	Me	R4-2	X-29
75	5,6-di-Me	Me	R4-2	X-1
76	5,6-di-Me	Me	R4-2	X-21
77	5,6-di-Cl	Me	R4-2	X-3
78	5,6-di-Cl	Me	R4-2	X-1
79	5,6-di-Cl	Me	R4-2	X-21
80	5,6-di-F	H	R4-2	x-3

81	5,6-di-F	Н	R4-2	x-1
82	5,6-di-F	H	R4-2	x-29
83	5,6-di-F	H	R4-2	x-21
84	Н	Me	R4-2	x-85
85	H	Me	R4-2	X-86
86	5,6-di-F	Me	R4-2	. X-3
87	5,6-di-F	Me	R4-2	X-1
88	5,6-di-F	Me	R4-2	X-21
89	Н	(CH <sub>2</sub> ) <sub>3</sub> OH	R4-2	X-3
90	Н	(CH <sub>2</sub> ) <sub>3</sub> OH	R4-2	X-21
91	Н	Me	R4-95	X-3
92	Н	Me	R4-95	X-21
93	H	(CH <sub>2</sub> ) <sub>2</sub> NMe <sub>2</sub>	R4-2	X-3
94	Н	CH <sub>2</sub>	R4-2	X-3
95	Н	CH <sub>2</sub>	R4-2	X-21
96	H	—CH <sub>2</sub> ————————————————————————————————————	R4-2	X-1
97	Н	Phenyl	R4-2	X-3
98	H	Phenyl	R4-2	X-29
99	H	Phenyl	R4-2	X-1
100	Н	Phenyl	R4-2	X-21
101	6-allyloxy	Et	R4-2	X-3
102	6-allyloxy	Et	R4-2	X-1
103	6-allyloxy	Et	R4-2	X-21
104	6-allyloxy	Et	R4-2	X-29
105	5,6-di-F	Et	R4-2	X-3
106	H	Me	R4-113	X-3
107	5,6-di-F	Et	R4-2	X-21
108	6-OH	Et	R4-2	X-3
109	6-OH	Et	R4-2	X-1
110	5,6-di-F	Et	R4-2	X-1
111	6-OH	Et	R4-2	X-21
112	6-OH	Et	R4-2	X-29
113	5-OMe	Me	R4-2	X-3
114	5-OMe	Me	R4-2	X-21
115	5-OMe	Me	R4-2	X-1
116	H	H	R4-122	X-3
117	H	H	R4-122	X-1
118	Н	H	R4-122	X-21
119	Н	H	R4-122	X-29
120	5-OH	Me	R4-2	X-3
121	5-OH	Me	R4-2	X-1
122	5-OH	Me	R4-2	X-21
123	5-allyloxy	Me	R4-2	X-3
124	5-allyloxy	Me	R4-2	X-1
125	5-benzyloxy	Me	R4-2	X-3

106			D 4 0	37.1
126	5-benzyloxy	Me	R4-2	X-1
127	6-allyloxy	Me	R4-2	X-3
128	6-allyloxy	Me	R4-2	X-1
129	6-allyloxy	Me	R4-2	X-21
130	6-allyloxy	Me	R4-2	X-29
131	H	cı	R4-2	X-3
132	Н	CI	R4-2	X-3
133	H	CI	R4-2	X-3
134	H	-CI	R4-2	X-21
135	Н	CI	R4-2	X-21
136	H	CI	R4-2	X-21
137	Н	-CI	R4-2	X-1
138	. <b>H</b>	CI	R4-2	X-1
139	H	CI	R4-2	X-1
140	6-OH	Me	R4-2	X-3
141	6-OH	Me	R4-2	X-1
142	6-OH	Me	R4-2	X-21
143	6-OH	Me	R4-2	X-29
144	5-n-propyloxy	Me	R4-2	X-3
145	5-n-propyloxy	Me	R4-2	X-29
146	5-n-propyloxy	Me	R4-2	X-1
147	5-n-propyloxy	Me	R4-2	X-21
148	5-isopropyl oxy	Me	R4-2	X-3
149	5-isopropyl oxy	Me	R4-2	X-29
150	5-isopropyl oxy	Me	R4-2	X-1
151	5-isopropyl oxy	Me	R4-2	X-21
152	6-n-propyloxy	Me	R4-2	X-3
153	6-n-propyloxy	Me	R4-2	X-1
154	6-n-propyloxy	Me	R4-2	X-21

155	5-OMe	Me	R4-2	X-29
156	5-cyclo-pentyloxy	Me	R4-2	X-3
157	5-cyclo-pentyloxy	Me	R4-2	X-29
158	5-OCH <sub>2</sub> CH(Me) <sub>2</sub>	Me	R4-2	X-3
159	5-OCH <sub>2</sub> CH(Me) <sub>2</sub>	Me	R4-2	X-29
160	6-benzyloxy	Me	R4-2	X-3
161	6-isopropyloxy	Me	R4-2	X-3
162	6-OMe	Me	R4-2	X-3
163	6-benzyloxy	Me	R4-2	X-1
164	6-isopropyloxy	Me	R4-2	X-1
165	6-OMe	Me	R4-2	X-1
166	6-benzyloxy	Me	R4-2	X-21
167	6-isopropyloxy	Me	R4-2	X-21
168	6-OMe	Me	R4-2	X-21
169	5-benzyloxy	Me	R4-2	X-21
170	5-cyclopentyloxy	Me	R4-2	X-1
171	5-cyclopentyloxy	Me	R4-2	X-21
172	5-isobutyloxy	Me	R4-2	X-1
173	5-isobutyloxy	Me	R4-2	X-21
174	6-allyloxy	Me	R4-113	X-3
175	6-allyloxy	Me	R4-113	X-1
176	H	CI	R4-2	X-3
		CI		
177	6-allyloxy	Me	R4-113	X-21
178	H	CN	R4-2	X-3
179	Н	CI	R4-2	X-21
180	Н	CN	R4-2	X-21
181	H	CI	R4-2	X-1
182	Н	CN	R4-2	X-1
183	Н	NO <sub>2</sub>	R4-2	X-3
184	Н	NO <sub>2</sub>	R4-2	X-21
185	Н	NO <sub>2</sub>	R4-2	X-1
186	Н	OMe	R4-2	X-3

187	Н	OMe	R4-2	X-21
188	H	-OMe	R4-2	X-1
189	Н	Me	R4-2	X-237
190	Н	Me	R4-2	X-238
191	Н	Me	R4-2	X-239
192	6-cyclopentyloxy	Me	R4-2	X-3
193	6-cyclopentyloxy	Me	R4-2	X-1
194	6-cyclopentyloxy	Me	R4-2	X-21
195	5-OMe	Me	R4-54	X-3
196	5-OMe	Me	R4-54	X-1
197	6-allyloxy	Me	R4-95	X-3
198	6-allyloxy	Me	R4-95	X-1
199	6-allyloxy	Me	R4-95	X-21
200	6-OH	Me	R4-95	X-3
201	5-OEt	Me	R4-2	X-3
202	5-cyclobutyloxy	Me	R4-2	X-3
203	5-cyclopropyl methoxy	Me	R4-2	X-3
204	5-cyclopropyl methoxy	Me	R4-2	X-1
205	5-cyclohexyl methoxy	Me	R4-2	X-3
206	5-cyclohexyl methoxy	Me	R4-2	X-1
207	5-OEt	Me	R4-2	X-1
208	5-cyclobutyloxy	Me	R4-2	X-1
209	5-OCH <sub>2</sub> CHF <sub>2</sub>	Me	R4-2	X-3
210	5-OCH <sub>2</sub> CHF <sub>2</sub>	Me	R4-2	X-1
211	5-cyclobutyl	Me	R4-2	X-3
	methoxy			
212	5-cyclobutyl	Me	R4-2	X-1
	methoxy			
213	5-cyclopentyl	Me	R4-2	X-3
	methoxy			
214	5-cyclopentyl	Me	R4-2	X-1
	methoxy			
215	6-n-propyloxy	Me	R4-95	X-3
216	5-CF <sub>3</sub>	Me	R4-2	X-3
217	6-benzyloxy	Me	R4-95	X-3
218	5-CF <sub>3</sub>	Me	R4-2	X-1
219	5-n-propyloxy	Me	R4-54	X-3
220	6-n-propyloxy	Me	R4-95	X-1
221	6-benzyloxy	Me	R4-95	X-1
222	6-OEt	Me	R4-2	X-3

223	6-cyclopropyl	Me	R4-2	X-3
	methoxy	1710	1(12	
224	6-OCH <sub>2</sub> CH(Me) <sub>2</sub>	Me	R4-2	X-3
225	6-OEt	Me	R4-2	X-1
226	6-cyclopropyl methoxy	Me	R4-2	X-1
227	6-OCH <sub>2</sub> CH(Me) <sub>2</sub>	Me	R4-2	X-1
228	H	Me	R4-54	X-237
229	5-Br	Me	R4-2	X-3
230	5-Br	Me	R4-2	X-1
231	Н	Et	R4-2	X-226
232	Н	Et	R4-2	X-227
233	6-OCH <sub>2</sub> CHF <sub>2</sub>	Me	R4-2	X-3
234	6-OCH <sub>2</sub> CHF <sub>2</sub>	Me	R4-2	X-1
235	5-OMe	Me	R4-2	X-244
236	H	Me	R4-245	X-3
237	6-cyclohexyloxy	Me	R4-2	X-3
238	Н	Me	R4-122	X-3
249	5-n-propyloxy	Me	R4-2	X-237
240	5-cyclopentyloxy	Me	R4-54	X-3
241	5-cyclopentyloxy	Me	R4-54	X-1
242	5-n-propyloxy	Me	R4-54	X-1
243	6-cyclohexyl methoxy	Me	R4-2	X-3
244	6-cyclohexyloxy	Me	R4-2	<b>X-</b> 1
245	6-cyclohexyl methoxy	Me	R4-2	X-1
246	H	Me	R4-256	X-1
247	6- -OCH <sub>2</sub> CH <sub>2</sub> -N	Me	R4-2	X-3
248	5-OMe	Me	R4-258	X-3
249	5-cyclopentyloxy	Me	R4-2	X-244
250	H	Me	R4-260	X-3
251	H	Me	R4-261	X-3
252	Н	Me	R4-262	X-3
253	H	Me	R4-262	. X-1
254	5-OMe	Me	R4-122	X-3
255	5-OMe	Me	R4-265	X-3
256	5-OMe	Me	R4-266	X-3
257	H	Me	R4-267	X-1
258	Н	Me	R4-267	X-3
259	Н	Me	R4-269	X-1
260	Н	Me	R4-269	X-3
261	Н	Me	R4-238	X-3

Page No.: 21

262	Н	Me	R4-238	X-1
263	Н	Me	R4-273	X-3
264	H	Me	R4-273	X-1
265	Н	Me	R4-275	X-3
266	Н	Me	R4-276	X-3
267	H	Me	R4-277	X-3
268	Н	Me	R4-278	X-3
269	Н	Me	R4-278	X-1
270	5-n-pentyloxy	Me	R4-122	X-3
271	5-n-propyloxy	Me	R4-122	X-3
272	Н	Me	R4-282	X-1
273	Н	Me	R4-282	X-3
274	Н	Me	R4-284	X-3
275	· H	Me	R4-284	X-1
276	5-OCF <sub>3</sub>	Me	R4-95	X-3
277	5-CF <sub>3</sub>	Me	R4-95	X-3
278	5-C1	Me	R4-95	X-3
279	5-OMe	Me	R4-95	X-3
278	5-OMe	Me	R4-95	X-1
281	5-n-propyloxy	Me	R4-95	X-3
282	5-cyclopentyloxy	Me	R4-95	X-3

or a pharmaceutically acceptable salt or solvate thereof.

9. (original) A pharmaceutical composition which is comprised of a compound in accordance with claim 1 in combination with a pharmaceutically acceptable carrier.

10. (original) A method of treating type 2 diabetes mellitus in a mammalian patient in need of such treatment, comprising administering to said patient a compound in accordance with claim 1 in an amount that is effective to treat type 2 diabetes mellitus.